

# Cosumnes River Pre-Wetting

Cosumnes Coalition – SMUD  
SE Sacramento County Ag Water Authority

Watershed Education Foundation  
Groundwater Tour Info sharing  
February 8, 2019



# Background:

- The Cosumnes Watershed is rich in ecological values and productive agricultural lands
- Groundwater pumping and upstream diversions have diminished in stream flows
- Collaborating stakeholders are working to accomplish recharge to support agricultural and ecological objectives



# Collaborators:

- SMUD
- Cosumnes Coalition
- SE Sacramento County Ag Water Authority
- Sacramento Valley Conservancy
- The Conservation Fund
- Omochumne Hartnell Water District

*With thanks to*

*The Nature Conservancy and Resources Legacy Fund*



# Project Locations

(Upstream of Reg San's Project)

Omochumne-Hartnell  
Water District

Elk Grove

Galt Irrigation  
District

Clay Water  
District

## Legend

- Highway
  - Local Road
  - Railroad
  - Canal/Ditch
  - River/Creek
  - Lake/Slough/Seasonal Pond
  - The Nature Conservancy
  - City
- Water Districts**
- Clay Water District
  - Galt Irrigation District
  - Omochumne-Hartnell Water Dist.

1:120,000

0 0.5 1 2  
Miles

# Pre-wetting Project:

- Goal is to provide earlier river connection for salmon passage and transfer water to shallow aquifer
- Would deliver SMUD CVP water to Cosumnes River via Folsom South Canal in the fall
- Amount depends on water year: 0 to 1200 af/y
- SMUD is leading discussions with USBR
- SE Sacramento County Ag Water Authority would act as project lead agency



# Pre-wetting Project:

2005 Successful Pilot Pre-wetting Project:  
Collaboration between The Nature Conservancy,  
SE Sacramento County Ag Water Authority, and  
Sacramento County

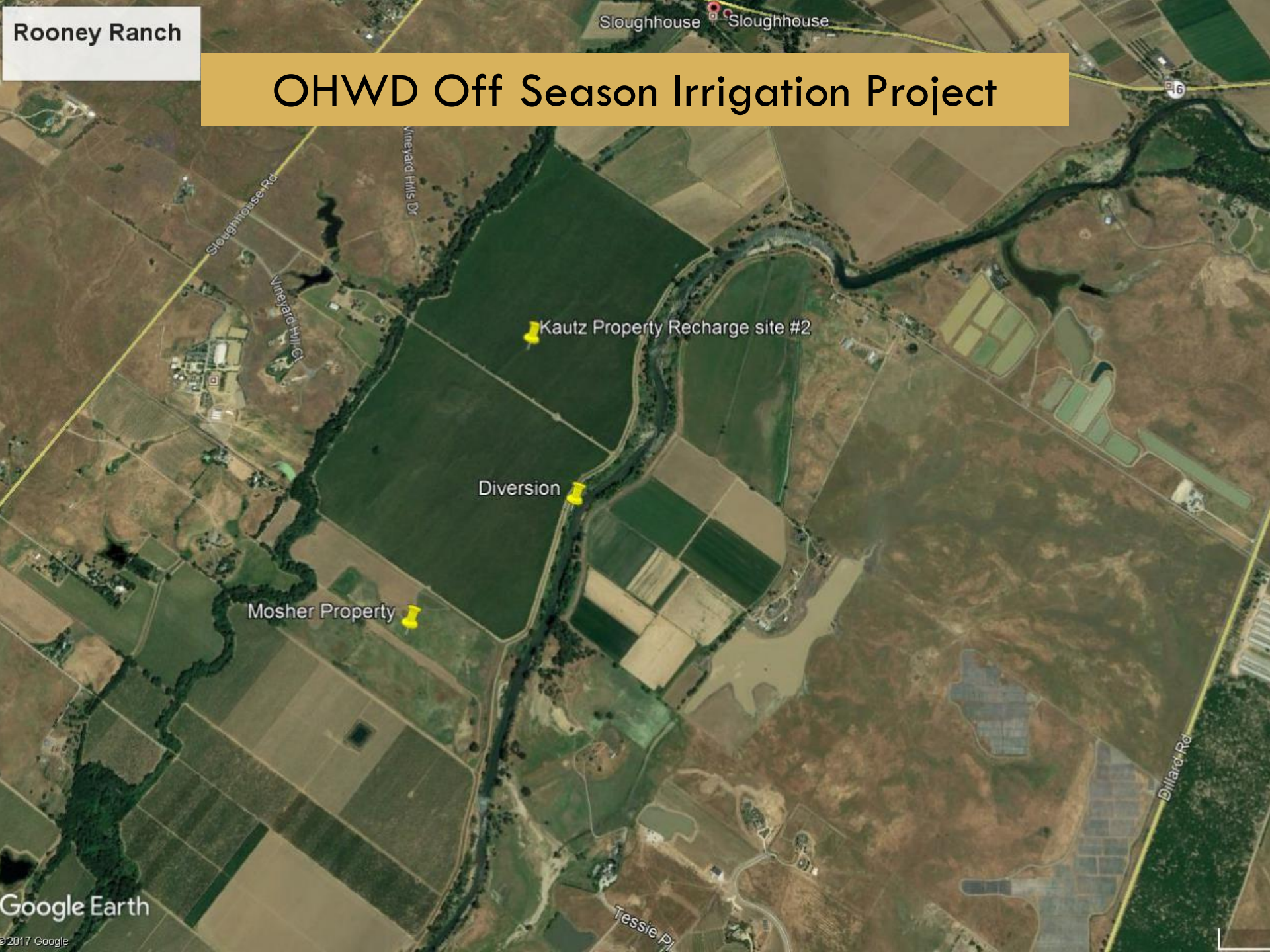


# Off Season Irrigation Project:

- Omochumne Hartnell Water District Prop 84 Project
- Will divert storm flows to vineyard fields for groundwater recharge
- Pilot project that incorporates research and monitoring partnerships

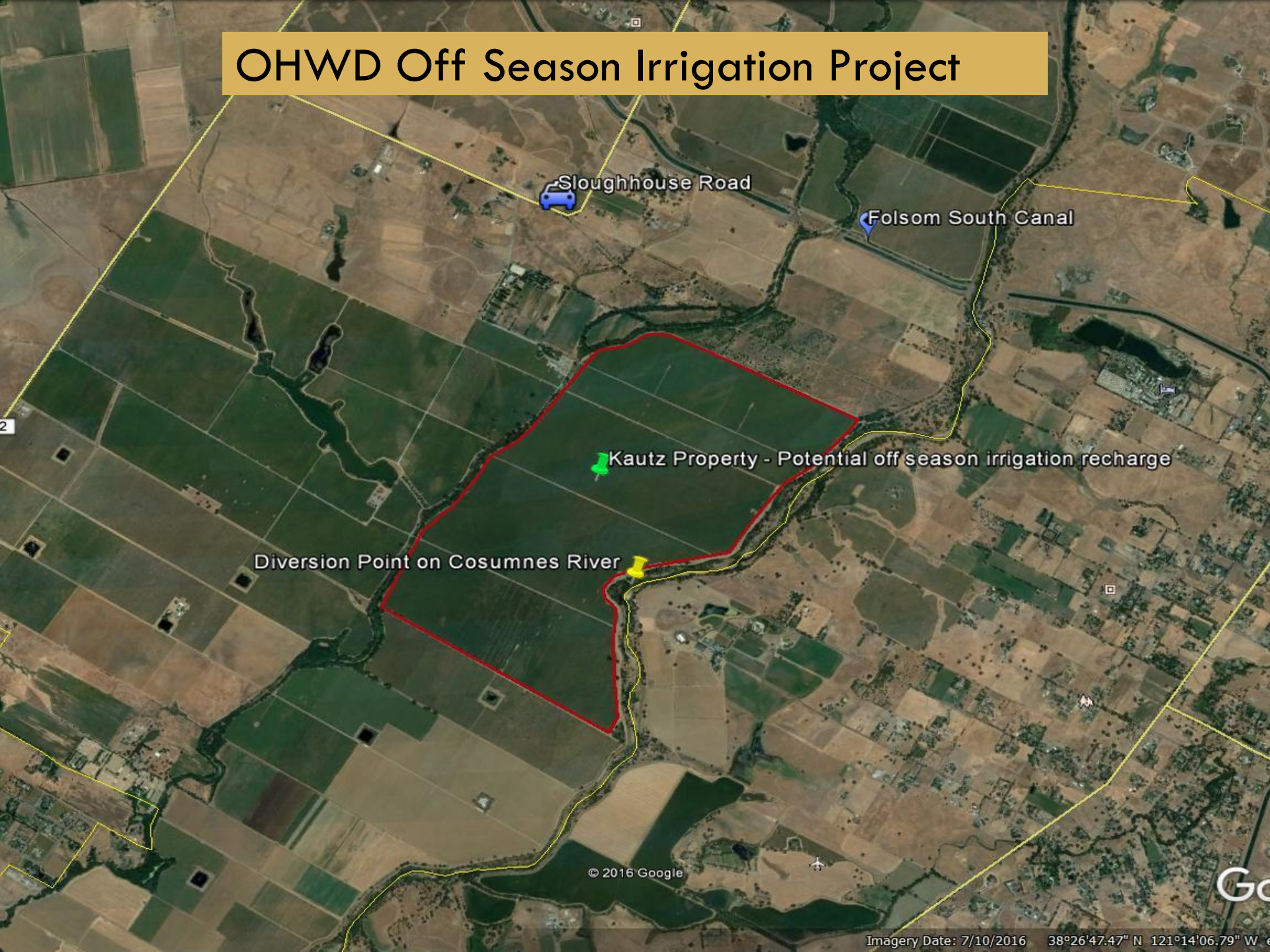


# OHWD Off Season Irrigation Project





# OHWD Off Season Irrigation Project



Sloughhouse Road

Folsom South Canal

Kautz Property - Potential off season irrigation recharge

Diversion Point on Cosumnes River

© 2016 Google

Imagery Date: 7/10/2016 38°26'47.47" N 121°14'06.79" W



A large, spotted fish, possibly a trout or salmon, is swimming in clear, shallow water over a bed of smooth, light-colored rocks. The water is crystal clear, allowing the fish and the rocks beneath to be seen in detail. The fish is positioned diagonally across the frame, moving from the bottom left towards the top right. The lighting is bright, creating shimmering reflections on the water's surface and highlighting the scales of the fish. The overall scene is serene and natural.

# Questions?

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Photography